

Datasheet - NDLS

Command and signalling devices / Push buttons and pilot lights - "N" Program / NDLS - Illuminated pushbutton



(Minor differences between the printed image and the original product may exist!)

Ordering details


Product type description	NDLS
Article number	101162104
EAN code	4250116200498

Approval

Approval



Global Properties

Product name	NDL - Illuminated pushbutton
Standards	IEC/EN 60947-1, EN 60947-5-1
Compliance with the Directives (Y/N) 	No
Suitable for safety functions (Y/N)	No
Mounting	mounting flange ELM
Materials	
- Material of the operators	ABS
- Material of the front ring	ABS, Chromium-plated
Design	Embeddable button - Front plate mounting
Form	Round
Color	
- Colour of the operating element	<input type="checkbox"/> White

- Colour of the bellows	<input type="checkbox"/> White
- Colour of the front ring	<input checked="" type="checkbox"/> Silver
Weight	30 g
Manner of using	
Can be illuminated (Y/N)	Yes

Mechanical data

Actuating stroke	5 mm
Latching (Y/N)	No
Unlocking type	without
Probing possible (Y/N)	Yes
mounting flange available (Y/N)	Yes
Front plate thickness	
- min. front plate thickness	1.5 mm
- max. front plate thickness	6 mm
Tightening torque for fixing screws	0,6 Nm

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-25 °C
- Max. environmental temperature	+80 °C
Storage and transport temperature	
- Min. Storage and transport temperature	-
- Max. Storage and transport temperature	-
Fully insulated (Y/N)	Yes
Sealing type	membrane, lip seal
Protection type IP	IP67, IP69K

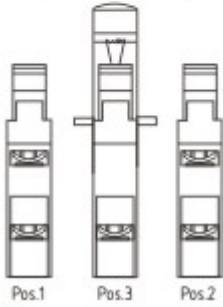
LED switching conditions display

With integrated LED (Y/N)	No
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Dimensions

Dimensions	
- Height	28 mm
- Diameter total Ø	44.5 mm
Diameter of the front ring	44.5 mm
Diameter of touch surface	27 mm
Hole, diameter	22.3 mm x 0,4 mm
Spacing	50 x 50 mm

Images



Application

System components

Accessories



101014387 - ELM



101174645 - NSK-GR

- for pushbuttons and illuminated pushbuttons

contact element



101022273 - EFK03.2

- Cage clamps
- Mounting flange position 2
- 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022272 - EFK03.1

- Cage clamps
- Mounting flange position 1
- 13-14 (Contact labelling)
- Suitable for EMERGENCY-OFF

101026058 - EFK30.2

- Cage clamps
- Mounting flange position 2



- 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF



101026057 - EF303.1

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022276 - EF301.2

- Cage clamps
- Mounting flange position 2
- 21-22 (Contact labelling)



101022275 - EF303.1

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)



101018110 - EF103.1G

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101006585 - EF303S.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101006584 - EF303S.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101006551 - EF301.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101006550 - EF301.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101006548 - EF103.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101006547 - EF103.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101176094 - EF102.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101176083 - EF102.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101006545 - EF033.2

- Screw connection
- Mounting flange position 2
- 33-34; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



101006544 - EF033.1

- Screw connection
- Mounting flange position 1
- 13-14; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF

101183081 - EF140.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



101183080 - EF140.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)



101006542 - EF110.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



101006541 - EF110.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)



101006539 - EF03.2

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)



101006538 - EF03.1

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)



101028453 - EF02.2

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



101028452 - EF02.1

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)
- Suitable for EMERGENCY-OFF





101006536 - EF10.2

- Screw connection
- Mounting flange position 2
- 21-22 (Contact labelling)



101006535 - EF10.1

- Screw connection
- Mounting flange position 1
- 11-12 (Contact labelling)



101024262 - EF220.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)
- Suitable for EMERGENCY-OFF



101023927 - EF220.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022138 - EF303.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022137 - EF303.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF

Light terminal block

101166026 - ELDE.NWS230

- Screw connection
- Mounting flange position 3
- white LED
- 230 VAC

101167525 - ELDE.NWS48

- Screw connection
- Mounting flange position 3
- white LED



- 48 VAC



101166000 - ELDE.NWS24

- Screw connection
- Mounting flange position 3
- white LED
- 24 VAC/DC



101167385 - ELDEKWS24

- Cage clamps
- Mounting flange position 3
- white LED
- 24 VAC/DC

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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